

REMARKS

Claims 17-34 are now present in this application.

A drawing has been added, the specification has been amended, claims 1-16 have been cancelled without prejudice or disclaimer, and claims 17-34 have been presented. Reconsideration of the application, as amended, is respectfully requested.

Claims 1-16 stand rejected under 35 USC 112, second paragraph. This rejection is respectfully traversed.

Independent claim 17, which corresponds to claim 1, no longer recites "high resolution." As such, this portion of the rejection should be overcome. Regarding original claims 5 and 9, which correspond to claims 21 and 25, these claims have been amended to recite a computer readable medium and claim 9 recites certain steps.

Finally, independent claim 13 has not been re-presented. As such, it is respectfully submitted that the 35 USC 112, second paragraph rejection should now be overcome. Reconsideration and withdrawal of this rejection are respectfully requested.

Claims 5-16 stand rejected under 35 USC 101. This rejection is respectfully traversed.

In view of the foregoing amendments, it is respectfully submitted that the claims are in proper format. This has been explained above with regard to the 35 USC 112, second paragraph

rejection. As such, it is respectfully requested that this 35 USC 101 rejection now be reconsidered and withdrawn.

Applicants gratefully acknowledge that the Examiner considers claim 1 to contain allowable subject matter. It is respectfully submitted that independent claim 17, as well as its dependent claims, should continue to be in condition for allowance.

The drawings stand objected to under 37 CFR 1.83(a). The structure of the apparatus claims 13-16 is alleged not to be shown. These claims have been cancelled. It is noted that new independent claim 17, for example, recites a system. This system includes certain elements which were discussed in the originally filed specification. Newly added Fig. 9, for example, also expressly shows this arrangement. It is respectfully submitted that all claimed subject matter is, in fact, shown. Reconsideration and withdrawal of this objection are respectfully requested.

The specification is objected to for failing to have section headings. It is respectfully submitted, however, that there are headings throughout the specification. While the MPEP may give some suggested phrasing for these headings, this suggested phrasing is not mandatory. Rather, section headings are given and are in compliance with 37 CFR 1.77(b) and 37 CFR 1.77(c). As such, it is respectfully requested that this objection now be reconsidered and withdrawn.

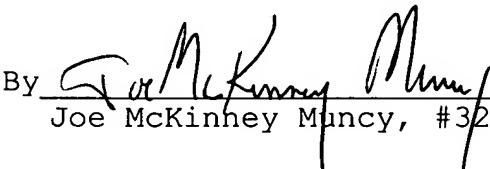
Because the prior art cited by the Examiner has been included merely to show the state of the prior art and has not been utilized to reject the claims, no further comments concerning these documents are considered necessary at this time.

In the event that any outstanding matters remain in this application, the Examiner is invited to contact the undersigned at (703) 205-8000 in the Washington, D.C. area.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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4035-0161P

Attachment: Replacement Drawing Sheet

AMENDMENTS TO THE DRAWINGS

Attached hereto is one (1) sheet of corrected drawings that comply with the provisions of 37 C.F.R. § 1.84. The corrected drawings incorporate the following drawing changes:

Fig. 9 has been presented.

It is respectfully requested that the corrected drawings be approved and made a part of the record of the above-identified application.